





SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	1583	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	DRY RELEASE	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Dry Lubricant & Release Agent	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification						
GHS CLASSIFICATION: Flammable Aerosol: Category 1 Gases Under Pressure: Liquefied Gas Skin Irritant: Category 2 Eye Irritant: Category 2A Specific Target Organ Toxicity (Single Exposure): Category 3 Aspiration Hazard: Category 1	SIGNAL WORD: DANGER	SYMBOL:				
HAZARD STATEMENTS: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. This product contains the following percentage of chemicals of unknown toxicity: Not applicable.						
PRECAUTIONARY STATEMENTS: Prevention: Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. Response: IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Avoid breathing mist, vapors and spray. Use only outdoors or in a well-ventilated area. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and federal regulations. Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Disposal: Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and federal regulations.						
HAZARDS NOT OTHERWISE SPECIFIED: No additional information available.						
ADDITIONAL INFORMATION: Not applicable.						

3. Composition / Information on Ingredients		
Chemical Name	CAS	Concentration % by Weight
Heptane	142-82-5	30-40%
Isopropyl Alcohol	67-63-0	15-25%
Propane	74-98-6	15-25%
N-Butane	106-97-8	15-25%
Naphtha (petroleum), light alkylate	64741-66-8	1-5%

4. First Aid Measures
EMERGENCY OVERVIEW
EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.
INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision Skin: defatting and dermatitis Inhalation: Anesthetic, irritation, Central Nervous System depression Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk
CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).
NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA:

Dry chemical, foam, or carbon dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA:

Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear NIOSH approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers. Shut off all sources of ignition.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. May develop a flammable atmosphere in confined areas.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon, low molecular weight hydrocarbons.

6. Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT:

Refer to section VIII for proper Personal Protective Equipment.

SPILL: Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources.

Prevent spill from entering sewers, storm drains, and natural waterways.

WASTE DISPOSAL:

Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

RCRA STATUS:

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. Handling and Storage

HANDLING AND STORAGE:

Use only with adequate ventilation. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in cool, dry, ventilated area. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

OTHER PRECAUTIONS:

Keep out of the reach of children.

INCOMPATIBILITY:

Avoid heat, flame and contact with strong oxidizing agents.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Heptane	500 ppm	400 ppm
Isopropyl Alcohol	400 ppm	200 ppm
Propane	1000 ppm	1000 ppm
N-Butane	Not Established	1000 ppm
Naphtha (petroleum), light alkylate	Not Established	Not Established

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves.



Eye/Face Protection: Safety glasses.

Skin Protection: Chemical resistant gloves

Respiratory Protection: Use only in well ventilated areas. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

ADDITIONAL MEASURES:

Wash hands thoroughly after handling.

ENGINEERING CONTROLS / VENTILATION:

Use only outdoors or in a well-ventilated area.

9. Physical & Chemical Properties

Appearance:	White Hazy Spray.	Flammability(solid/gas):	Extremely Flammable Aerosol.
Color:	White.	Flammability Limit-lower (%):	Not determined.
Odor:	Petroleum odor.	Flammability Limit-upper (%):	Not determined.
Odor Threshold:	Not determined.	Explosive Limit-Lower (%):	Not determined.
pH:	Not applicable.	Explosive Limit-Upper (%):	Not determined.
Melting/Freezing Point:	Not determined.	Vapor Density (AIR=1):	Not determined.
Viscosity:	Not determined.	Vapor Pressure (mm Hg):	Not determined.
Flash Point:	Not determined.	Relative Density (H₂O=1):	0.71 - 0.76
Evaporation Rate:	Not determined.	Solubility:	Non-soluble in water.
Decomposition Temp:	Not determined.	Auto-Ignition Temp:	Not determined.
Partition Coeff(n-octanol/water):	Not determined.	Initial Boiling Point/Range:	Not determined.

10. Stability & Reactivity Information

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable.

POSSIBLE HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Temperatures greater than 122°F and sources of ignition.

INCOMPATIBLE MATERIALS:

Avoid heat, flame, and contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY: Eyes, Ingestion, Inhalation, Skin

Eyes: Causes irritation, redness, tearing, pain, blurred vision.

Skin: Brief contact is not irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact. Removes natural oils and fats from skin.

Inhalation: May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness and other central nervous system effects including death with excessive or prolonged exposure.

Ingestion: May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, dizziness, drowsiness, signs of intoxication, incoordination, and slurred speech depending on the amount ingested. Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia or edema.

TOXICOLOGICAL INFORMATION:

Heptane (142-82-5) LC50 (Vapors, Mice) 1600 ppm

Isopropyl Alcohol (67-63-0) Oral LD50 (Rat): 5045mg/kg; Dermal LD50 (Rabbit): 12870mg/kg; Inhalation LC50 (Rat, 4h): 78.6 mg/L

MEDICAL CONDITION AGGRAVATED:

Asthma, bronchitis, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders.

ACUTE HEALTH HAZARDS:

Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Anesthetic, irritation, Central Nervous System depression

Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS:

Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS).

CARCINOGENICITY:

OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

12. Ecological Information

ECOTOXICITY:

Avoid release to the environment.

Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hrs) 9640 mg/L

n-Heptane (142-82-5) EC50 (Daphnia) 0.2 mg/L

PERSISTENCE AND DEGRADABILITY:

Component or components of this product are not biodegradable.

BIOACCUMULATIVE POTENTIAL:

This product is not expected to bioaccumulate.

MOBILITY IN SOIL:

This product is mobile in soil.

OTHER ADVERSE EFFECTS:

None known.

13. Disposal Consideration

WASTE DISPOSAL:

Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

RCRA STATUS:

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information

DOT: UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty

Transport Hazard Class(es):

Class: 2.1

Packing Group: Not applicable.

IATA: UN Number: UN1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es):

Class: 2.1

Packing Group: Not applicable.

IMDG: UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):
Class: 2.1
Packing Group: Not applicable.
Environmental Hazards: Marine Pollutant

15. Regulatory Information

US FEDERAL REGULATIONS:

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

SARA 313 REPORTABLE INGREDIENTS: None.

STATE REGULATIONS:

California Proposition 65: None. **Heptane (142-82-5) Director's List of Hazardous Substances:** CA;

Toxic Substances Disclosure to Employees Act: IL; **Right-to-Know:** MA, MN, NJ, PA, RI. **Isopropyl Alcohol (67-63-0)**

Director's List of Hazardous Substances: CA;

Toxic Substances Disclosure to Employees Act: IL;

Right-to-Know: FL, NJ, PA, MN, MA, RI.

INTERNATIONAL REGULATIONS:

Canadian Domestic Substance List (DSL): All ingredients are listed.

VOLATILE ORGANIC COMPOUNDS (VOC): 98.8%

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.